

Jaye E. Cable, Ph.D.

**Chair, Environment, Ecology and Energy Program (E3P), and Professor, Department of Marine Sciences
College of Arts and Sciences at UNC-Chapel Hill**

Chapel Hill, NC, US

Jaye Cable focuses on Groundwater-Surface Interactions, Geochemistry and Wetland Hydrology.

Jaye Cable's research includes groundwater-surface water interactions in coastal systems and in streams, wetland hydrology, and wetland sediment accretion and carbon burial. Her students and she apply geochemical tracers to quantify marine and environmental processes.

She is a 2013 Wows Working on Women in Science Scholar and a 2016 IAH Academic Leadership Fellow.

Coastal Hydrology and Geochemistry, Subterranean Estuaries and Groundwater Discharge, Low Temperature Geochemistry / Biogeochemistry, Wetland Hydrology and Hydrodynamics

Event Appearances

American Geophysical Union Fall Meeting, December 11-15. New Orleans, LA, Groundwater Discharge to Upper Barataria Basin Driven by Mississippi River Stage

Event Appearances

The 10th INTECOL International Wetlands Conference, Changshu, China, 19-24 September 2016, Sea Level Rise and Carbon Storage in the Mississippi River Delta

Event Appearances

Coastal and Estuarine Research Federation, Portland, Oregon, 8-11 November 2015, Carbon burial in a deltaic salt marsh of coastal Louisiana

Event Appearances

Global SGD Data Synthesis Workshop, Seoul, Korea, 28 Oct – 1 Nov 2013, Nitrogen Cycling in the Subterranean Estuary (INVITED)

Florida State University

Ph.D. Chemical Oceanography

University of South Carolina

B.S. Marine Science

Active Grants

NSF-ADVANCE Adaptation: Targeting Equity in Access to Mentoring (TEAM) ADVANCE, E. Malloy, R. Blouin, J. Cable, K. Caldwell, K. Roo, (2018-2021, 3 years, \$989,536

UNC-Collaboratory, Bathymetry in Jordan Lake, J.E. Cable and K. Gootman, 12 months, \$21,000 (July 2018 - June 2019, 1 year)

NSF-RAPID: Hurricane Harvey Impacts on Local to Landscape Scale Salt Marsh Carbon Storage, J.E. Cable, J.M. Arriola, T. Pavelsky, 2017-2018, 1 year +2nd year NCE, \$86,762

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